

Antenna Coding: ANT-BBNCNC24020

Antenna Type: PCB onboard Antenna

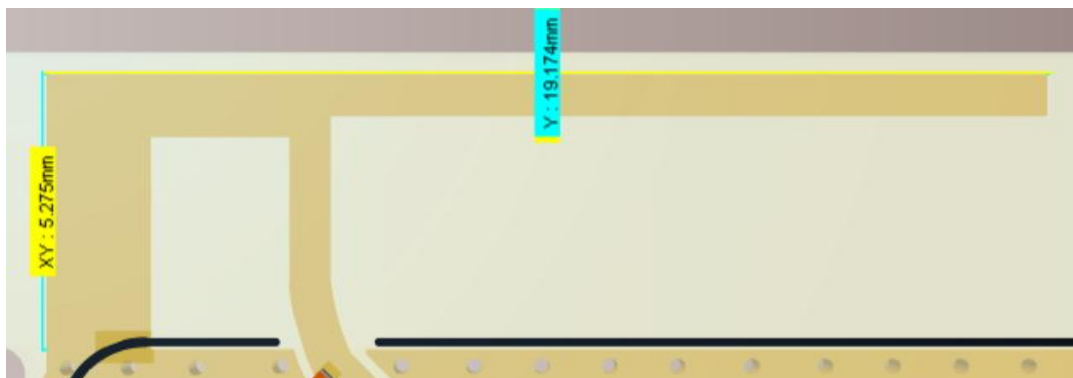
Model of the DUT: SE-266R

Antenna Manufacturer: Shenzhen Minew Technologies Co., Ltd.

1、Technical Specification

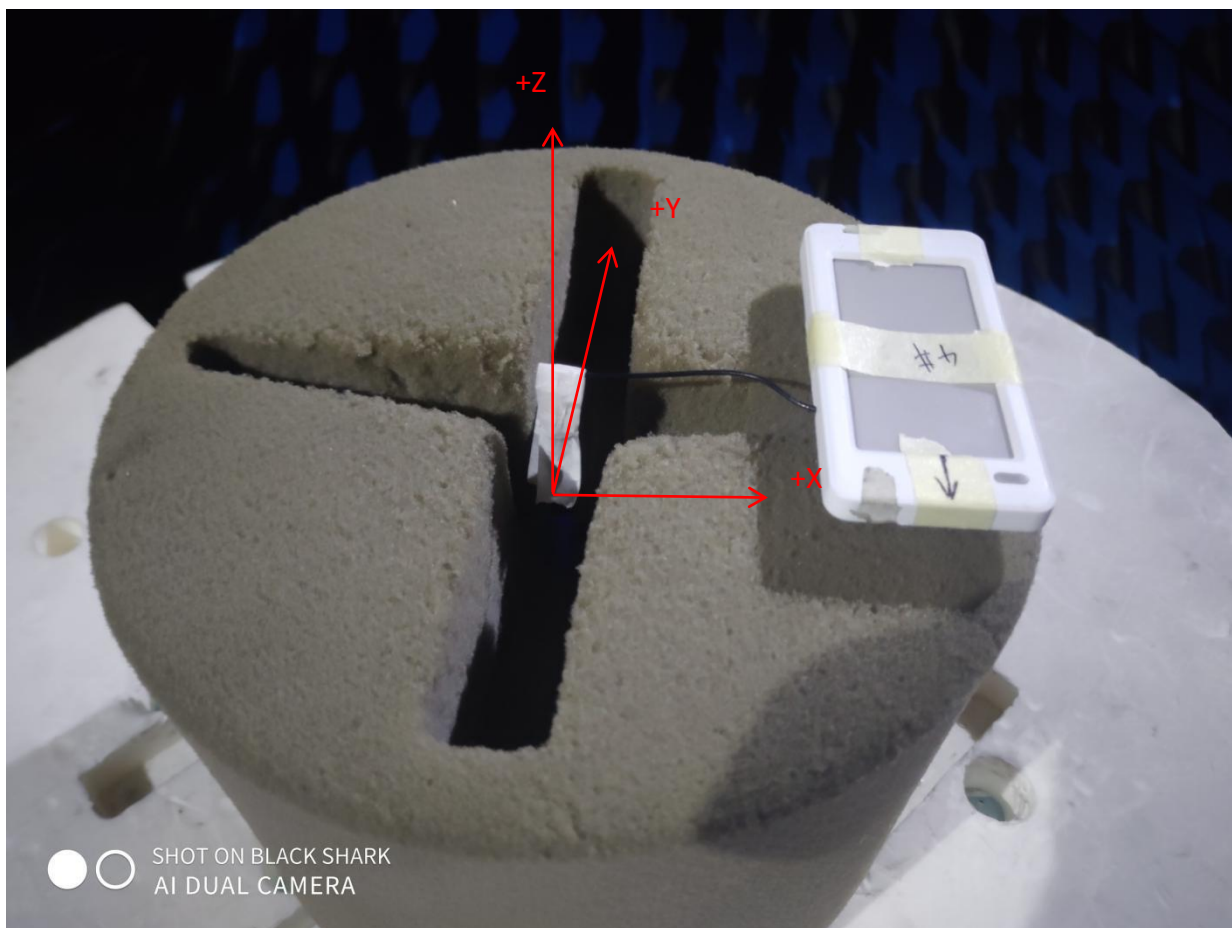
Electrical Specifications	
Frequency Range (MHz)	2400-2480
Input Impedance (Ω)	50
Return Loss (dB)	<-10
VSWR	<2
Peak Gain (dBi)	1.64
Polarization Type	Linear polarization
Mechanical Specifications	
Antenna Size (mm)	19.17*5.27
Radiator	Cuprum

2、The shape and size of the antenna



3、 The result of the test

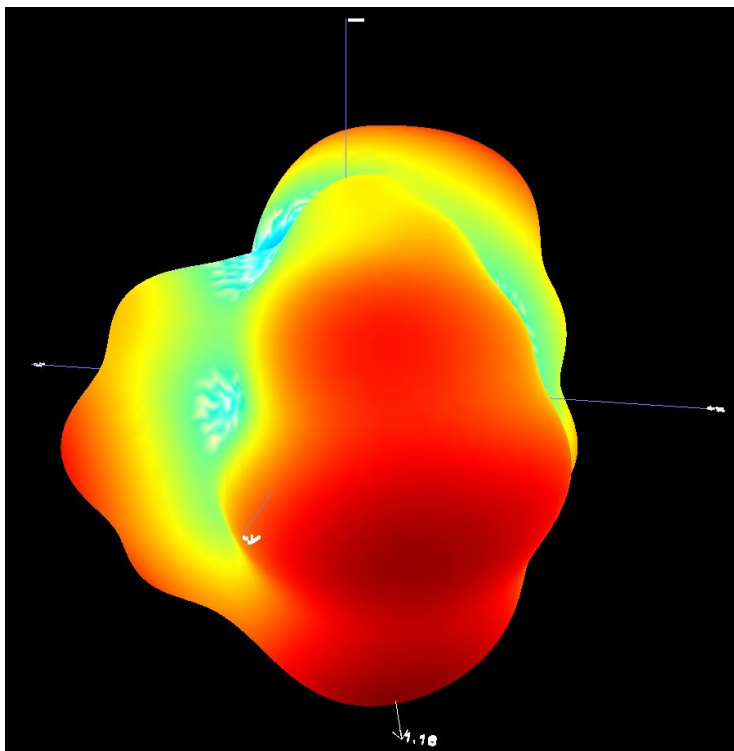
3.1 Test Environment



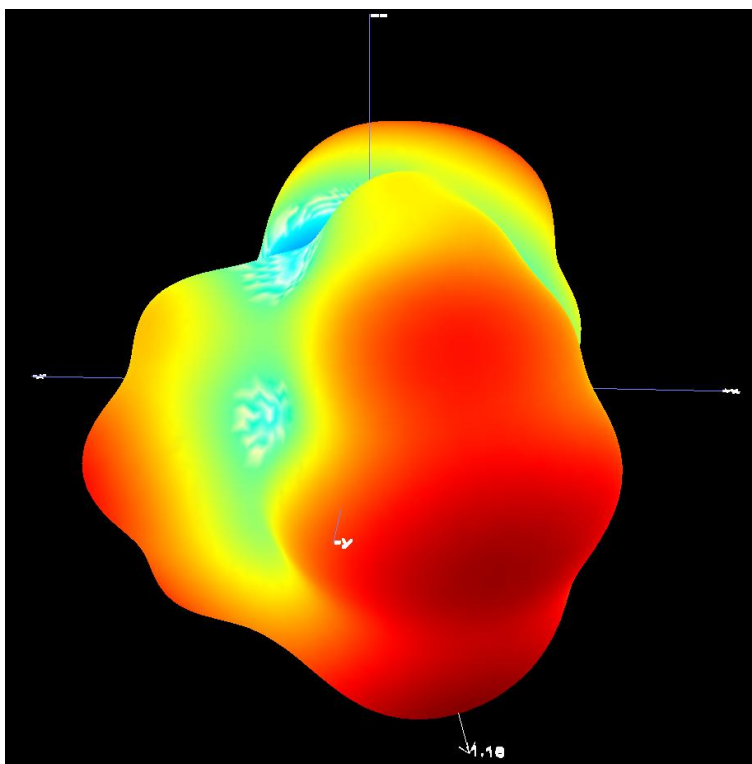
3.2 Gain and Efficiency

Frequency	Efficiency(%)	Efficiency(dB)	Gain(dBi)
2400	50.02%	-3.01	1.02
2402	49.85%	-3.02	1.03
2404	49.53%	-3.05	1.06
2406	49.08%	-3.09	1.02
2408	48.98%	-3.10	1.09
2410	49.45%	-3.06	1.12
2412	50.08%	-3.00	1.19
2414	50.26%	-2.99	1.26
2416	49.96%	-3.01	1.29
2418	49.67%	-3.04	1.35
2420	49.58%	-3.05	1.37
2422	49.71%	-3.04	1.40
2424	49.69%	-3.04	1.40
2426	49.61%	-3.04	1.36
2428	50.01%	-3.01	1.39
2430	50.97%	-2.93	1.49
2432	51.40%	-2.89	1.58
2434	51.34%	-2.90	1.56
2436	50.88%	-2.93	1.43
2438	50.57%	-2.96	1.37
2440	50.43%	-2.97	1.38
2442	50.21%	-2.99	1.41
2444	49.65%	-3.04	1.27
2446	49.21%	-3.08	1.16
2448	49.40%	-3.06	1.14
2450	49.95%	-3.01	1.24
2452	50.57%	-2.96	1.35
2454	50.67%	-2.95	1.30
2456	50.70%	-2.95	1.25
2458	51.01%	-2.92	1.30
2460	51.38%	-2.89	1.44
2462	51.49%	-2.88	1.48
2464	51.30%	-2.90	1.37
2466	51.38%	-2.89	1.31
2468	51.91%	-2.85	1.42
2470	52.55%	-2.79	1.63
2472	52.30%	-2.81	1.61
2474	51.75%	-2.86	1.43
2476	51.50%	-2.88	1.38
2478	51.64%	-2.87	1.49
2480	51.74%	-2.86	1.64

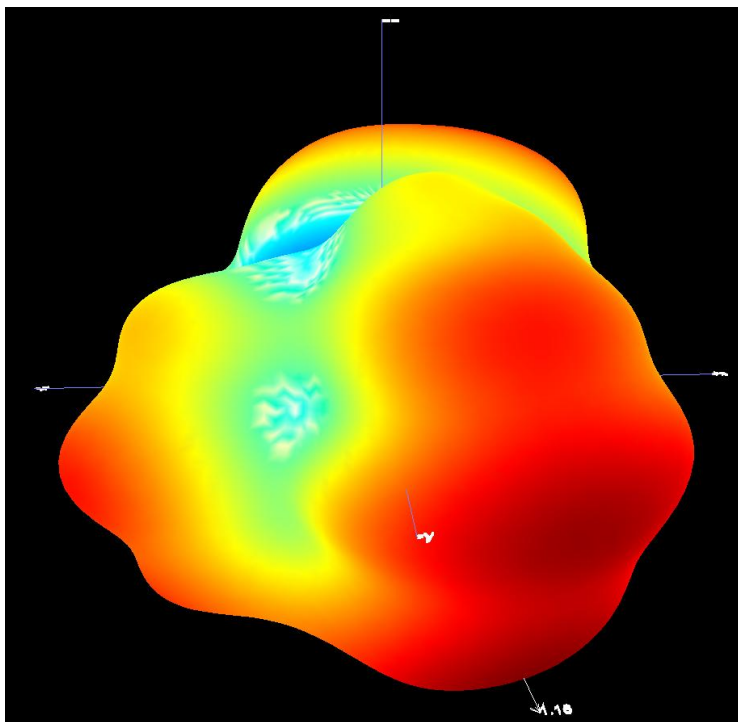
3.3 3D Polar Plot



2402MHz



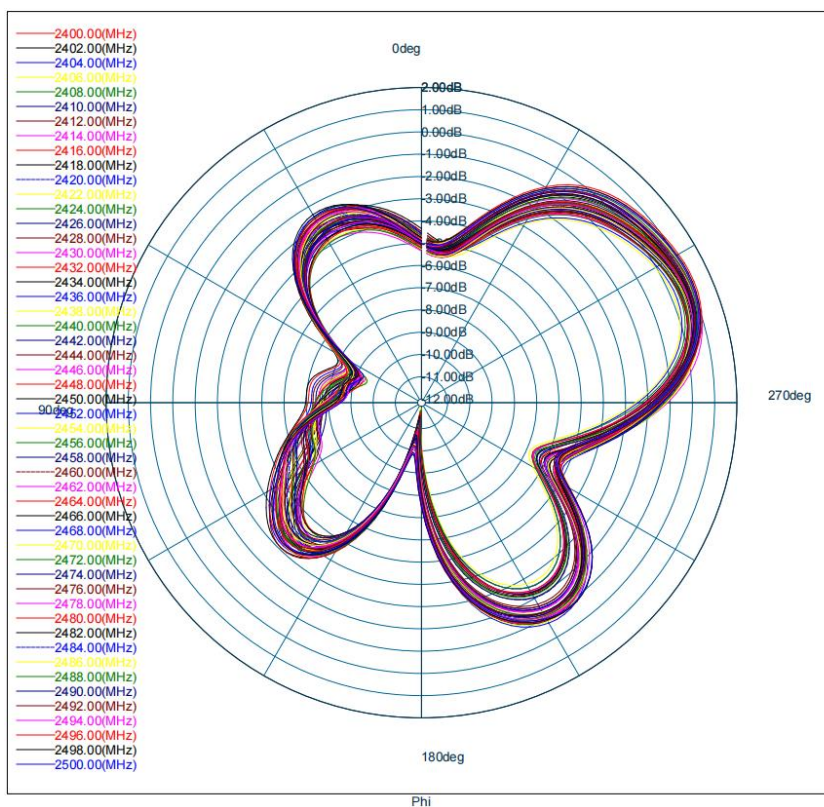
2440MHz



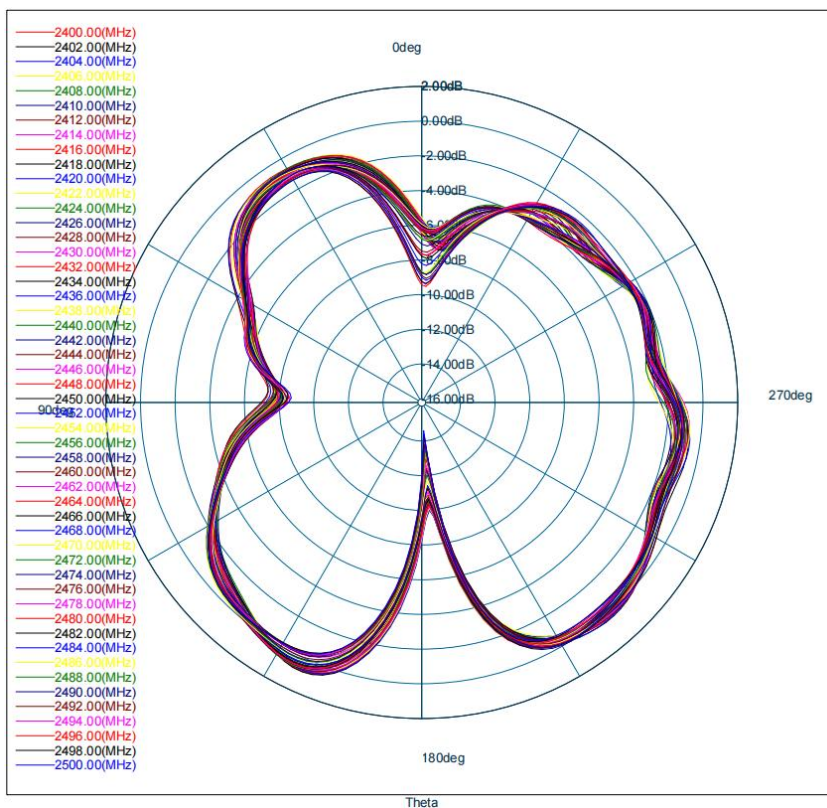
2480MHz

3.4 2D Radiation Pattern

(1) E1, XZ Plane, $\phi=0$



(2) E2, YZ Plane, $\phi=90^\circ$



(3) H, XY plane, $\theta=90^\circ$

